

Amendments to the Drawings:

Please replace Figure 18 with substitute Figure 18 attached hereto. A marked up copy of Figure 18 is also attached. Please enter substitute Figure 18 into the specification.

Please replace Figure 30 with substitute Figure 30 attached hereto. A marked up copy of Figure 30 is also attached. Please enter substitute Figure 30 into the specification.

Attachments: Replacement Sheets

Annotated Sheets Showing Changes

REMARKS/ARGUMENTS

Applicants respectfully request that the Amendments be accepted and that the Examiner direct the entry of the Sequence Listing and amended drawings into the specification.

The Sequence Listing has been amended to satisfy formalities and also corrects typographical errors in previously submitted Sequence Listings. The currently amended Sequence Listing reflects the sequences contained in the originally filed specification.

The drawings have been amended to insert corresponding Sequence ID Nos., and to add the headings required for substitute drawings and marked-up drawings.

In the originally filed Figure 18, several nucleotides in two of the listed sequences were inadvertently misplaced. For the sequence identified as 9-11, a C was inadvertently placed at the first 5' position in the last column labeled S1. The C should be in the column labeled L3. In the sequence identified as 9-4, an A was inadvertently placed in the last 3' position of the first column labeled S1. The A should be the first 5' position in the column labeled L1. In addition, a U was inadvertently placed at the first 5' position in the last column labeled S1. The U should be in the column labeled L3. Substitute Figure 18 corrects these misalignments.

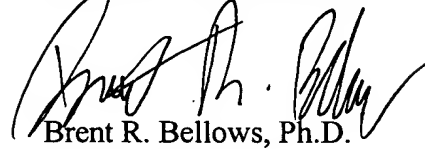
The prior Substitute Figure 18 filed on March 30, 2006, which was not entered, failed to properly account for the full sequence contained in the originally filed Figure 18 for the sequences identified as 9-4 and 9-27. The current Substitute Figure 18 reflects the full sequence of these sequences as contained in the originally filed Figure 18. Applicant respectfully requests that the Examiner enter Substitute Figures 18 and 30.

A check for \$60 is enclosed for the fee under 37 C.F.R. 1.17(a)(3) a one month extension of time for a small entity. No other fees are believed to be due in connection with this Amendment. However, should the Commissioner determine otherwise, he is authorized to charge such fees and credit any overpayment to Deposit Account No. 11-0980. The applicants respectfully request that a timely Notice of Allowance be issued in this case.

Appl. No. 09/963,827
Amdt. Dated Jan. 9, 2007

Respectfully submitted,

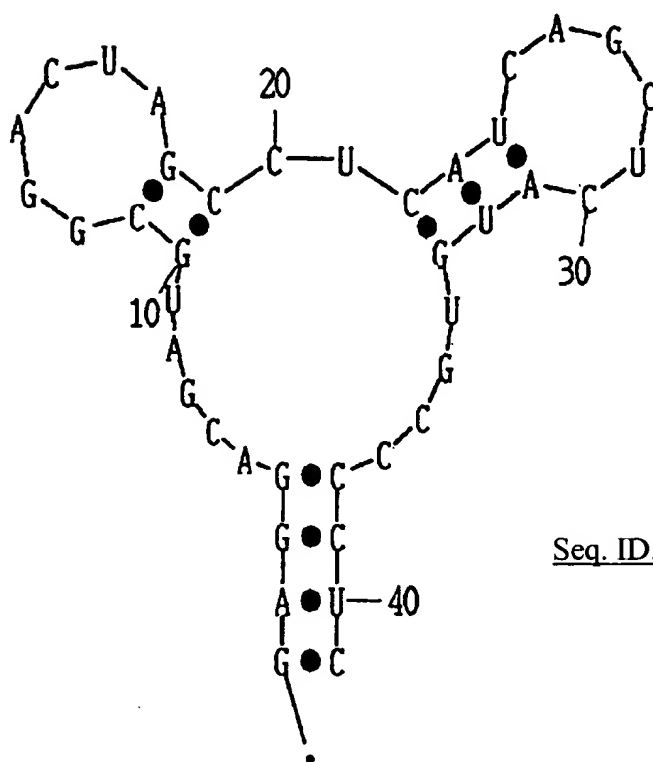
KING & SPALDING LLP

A handwritten signature in black ink, appearing to read "Brent R. Bellows", is written over the printed name.

Brent R. Bellows, Ph.D.

Reg. No. 54,709

January 9, 2007
King & Spalding LLP
1180 Peachtree Street, N.E., 34th Floor
Atlanta, Georgia 30303
(404) 572-2708 (direct)
(404) 572-5134 (facsimile)



Seq. ID. No. 187

dG = -1.43 [initially -4.2] ANG11-1.41

FIGURE 30

Appl. No. 09/963,827
Amdt. Dated Jan. 9, 2007
Annotated Sheet Showing Changes

	S1 →	L1	S2 →	L2	S2 ←	L3	S1 ←	Seq. ID.
*9-3 5'	gggaugggGA	CUAUACC	GCG	UAAUGC	UGC	C	UCCCCAUUCC	<u>228</u>
*9-20 5'	augggGA	CUAUACCG	GCA	AUCG	UGC	A	UCCCCU	<u>229</u>
*9-25 5'	gggaugggGA	CCAUUA	ACUC	UAAC	GGGU	GAA	UCCCGCAUCU	<u>230</u>
*9-26 5'	gggauggg	UGAUA	ACCA	CUC	UGGU	GAA	CCCCUCCC	<u>231</u>
*9-28 5'	gggaugggCG	CCAUAC	GCA	CAU	UGC	UGCAU	CGCCUUCCC	<u>232</u>
*9-19 5'	gagggauaggGA	CCAUUA	ACGA	CUAC	UCGU	GAA	UCCCACCAUC	<u>233</u>
9-17 5'	gagggauaggGA	CCAUAC	GCA	CAU	UGC	UGAA	UCCCCCUC	<u>234</u>
9-11 5'	gggaugggGA	CUAUA	UUCGG	AAU	CUGGA	<u>C</u>	[C]UCCCACCU	<u>235</u>
9-4 5'	gggaugggC[A]	<u>A</u> CUAUAC	GCA	UCU	UGC	<u>U</u>	[U]GCCUGCCC	<u>236</u>
9-16 5'	agggauagg	CCAUUA	CGU	GG	ACG	ACUGCA	CCCGACCCU	<u>237</u>
9-18 5'	gggauggg	CCAUUA	ACCA	CUU	UGGU	GAA	CCCACCCA	<u>238</u>
9-7 5'	ggauggg	CGAUA	ACCA	ACA	UGGU	GAU	CCCAUUC	<u>239</u>
9-12 5'	gggauggg	CGAUA	UAC	ACAUUG	GUG	AU	CCCACCC	<u>240</u>
9-2 5'	gggauggg	CUAUUA	CAC	GCUG	GUG	AU	CCCAUCUC	<u>241</u>
9-14 5'	gggaugggGA	CUAUA	CGU	GAACG	ACU	GCA	UCCACUCCCC	<u>242</u>
9-27 5'	gggauggg	UAAUA	ACU	GUA	UGG	UGAA	CCCACCC	<u>243</u>

FIGURE 18